



Staff Report

RESOLUTION APPROVING INSTALLATION OF SPEED HUMPS AT THREE LOCATIONS ON MONSERAT AVENUE BETWEEN CIPRIANI BOULEVARD AND BUENA VISTA AVENUE

Honorable Mayor and Council Members:

Summary

Staff requests that the City Council approve the installation of the speed humps at three locations on Monserat Avenue between Cipriani Boulevard and Buena Vista Avenue.

Background

In September 2006, the Parking and Traffic Safety Committee (PTSC) received multiple requests from residents of Monserat Avenue to install speed humps to reduce speed of the vehicles at the 2600 and 2700 blocks of Monserat Avenue. The PTSC reviewed the requests, performed a traffic study and reviewed speed and volume data, collision history and past traffic enforcement in the area.

After analyzing the findings, the PTSC sent letters and Teleminder to the residents of the 2600 and 2700 blocks of Monserat Avenue inviting them to attend the Parking and Traffic Safety Committee meeting of November 16th where the findings were presented.

Twenty residents from Monserat Avenue attended the meeting to provide input and discuss the possibility of speed hump installation. The PTSC went over the Speed Hump Policy adopted by the City in 1996 which was included as part of the Neighborhood Traffic Calming Program in 2000 and its applicability to Monserat Avenue. In order for the speed humps to be effective and safe both for drivers and pedestrians, the criteria specified in the Speed Hump Policy shall be met. It was noted that certain criteria (i.e. street designation, absence of vertical curb, street grades at some locations) were not met. Therefore, the PTSC rejected installation of the speed humps as unwarranted. The PTSC did recommend the installation of pavement legend and additional signage to advise drivers of the speed limit. In addition, the Police conducted direct traffic enforcement in the area and provided educational outreach to the residents about perception of traffic speed.

In spring 2007, the PTSC was contacted by Monserat residents who shared a concern that the additional signage and traffic enforcement provided very little effect on speed calming and due to presence of children in this area the City staff was asked to review the possibility of speed

hump installation again. The PTSC held a Traffic Calming meeting with residents of the 2600 and 2700 blocks of Monserat Avenue in May 2007. The PTSC staff prepared a presentation outlining possible locations of speed humps based on the requirements specified in the Speed Hump Policy. The major requirement was to install speed humps only on the portion of the street with grades below 5%. Since the street is a designated emergency route for police and fire response, speed hump will be used to facilitate emergency vehicles. Two locations selected for placement of the speed humps were 2715/2712 and 2617/2638 Monserat Avenue.

Discussion

A necessary requirement for the speed hump installation is to submit a petition to the City containing signatures of 75% of the residents along and between the project boundaries with 66% of these signatures being from the property owners. In addition, the residents shall bear 25% of the speed humps installation.

In August 2007, Monserat residents submitted a signed petition for the installation of speed humps at two locations. In addition, the residents requested the consideration of a location for speed humps at 2729/2728 Monserat Avenue. The residents were advised that since the grade of the street in this area is exceeding 5%, it is not feasible to install speed humps there. The Institute of Traffic Engineers (ITE) was in the process of releasing new requirements for speed humps, which might allow speed installation of steeper grades. The PTSC recommended to wait until the ITE Speed Hump guidelines were released and if the proposed third location can be qualified for speed humps, proceed with speed humps at all locations of Monserat Avenue at the same time.

The City received the ITE Guidelines for the Design and Application of Speed Humps and the residents within the vicinity of the 2729/2728 Monserat were given another petition for the speed hump installation at this location. In early September, the PTSC received the signed petition. If the City Council approves the installation of the speed humps, the City will provide 75% of the speed hump purchase and installation cost and 25% of the cost will be provided by residents. After the residents provide 25% of the cost, the City staff will purchase and install six speed cushions (two per each location).

Staff received three bids from the speed hump vendors. The cost is summarized as following:

Traffic Logix, Inc.	\$6,018.00
Safer Roads, Inc.	\$6,398.50
Lake Traffic Solutions	\$9,117.20

The Belmont Public Works Maintenance staff will install the speed humps and necessary signage. The current maintenance rate per hour is \$162, considering three maintenance people installing speed humps and signage in one day (8 hours), the total cost of labor will be \$3,888.

The total cost of installation and speed hump purchase will be \$9,905. The resident's portion of the cost is 25% for the cost of installation - \$2,475. The installation will not take place until 25% of the estimated cost is received by the City from the residents.

General Plan/Vision Statement

No impact.

Fiscal Impact

The total cost of the speed hump installation is \$9,905. One-fourth of the cost (\$2,475) will be paid by 47 property owners in the subject area, which amounts to \$53/household. The City's share of speed hump installation is \$7,430. Payment for this project is from the Street Improvements Fund budget account 234-4312-3100-9030.

Public Contact

The Council agenda was posted.

Recommendation

Staff recommends that the City Council approves installation of the speed humps at three locations on Monserat Avenue between Cipriani Boulevard and Buena Vista Avenue.

Alternatives

1. Take no action.
2. Refer back to staff for further information.
3. Deny approval.

Attachments

- A. Resolution
- B. Exhibit
- C. Petition Summary

Respectfully submitted,

Bozhena Palatnik, P.E.
Associate Civil Engineer

Raymond E. Davis III, PE PTOE
Director of Public Works

Jack R. Crist
City Manager

Staff Contact:

Raymond E. Davis, Public Works Director
(650) 595-7459
rdavis@belmont.gov

RESOLUTION NO. _____

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT APPROVING
INSTALLATION OF SPEED HUMPS AT THREE LOCATIONS ON MONSERAT
AVENUE BETWEEN CIPRIANI BOULEVARD AND BUENA VISTA AVENUE**

WHEREAS, the Parking and Traffic Safety Committee (PTSC) has received multiple requests from the residents of Monserat Avenue to install speed humps at three locations: 2715/2712, 2729/2728, 2617/2638 Monserat Avenue; and,

WHEREAS, Monserat Avenue is a designated emergency route for police and fire response, speed hump cushions will be used instead of regular speed humps; and,

WHEREAS, the Parking and Traffic Safety Committee has received three quotes from the speed hump vendors; and,

WHEREAS, the residents will fund 25% of the cost and installation and will not take place until 25% of the cost is received by the City from the residents; and,

WHEREAS, the funding will be from the Street Improvement Fund, budget account 234-4312-3100-9030.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Belmont approves installation of the speed humps at three locations on Monserat Avenue between Cipriani Boulevard and Buena Vista Avenue.

* * * * *

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on September 25, 2007 by the following vote:

AYES, COUNCILMEMBERS: _____

NOES, COUNCILMEMBERS: _____

ABSTAIN, COUNCILMEMBERS: _____

ABSENT, COUNCILMEMBERS: _____

CLERK of the City of Belmont

APPROVED:

MAYOR of the City of Belmont

